

AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [0010] of the substitute specification, with the following paragraph:

- 5 - - In an exemplary embodiment of the invention, a variable position catalyst includes a catalyst housing accommodating a catalyst body, and an actuator member for moving the catalyst body with respect to the catalyst housing such that the catalyst body can be moved to an active catalyst position or to an inactive catalyst position. With such a[[n]] catalyst structure it is possible to bring the catalyst in an appropriate
10 position according to the state of an internal combustion engine. - -

Please replace paragraph [0011] of the substitute specification, with the following paragraph:

- 15 - - According to exemplary embodiments, the active catalyst position may be exposed to an exhaust gas stream of an engine. Furthermore, at least the inactive catalyst position may be provided within the catalyst housing. As a result, the catalyst body may be exposed to an exhaust gas flowing at the active catalyst position at a warming-up period of the engine and may be retracted to the inactive catalyst position in which the catalyst does not disturb the exhaust stream, and/or is
20 not exposed to a substantial amount of the exhaust stream, when the engine is warmed up. This brings the advantageous effect that emissions in the exhaust gas can be absorbed at a[[n]] cold start period of the engine. Furthermore, when the catalyst body is retracted from the exhaust gas, the gas stream to a turbocharger will not be disturbed, or will be substantially less disturbed than when the catalyst is in
25 the active position. - -

Please replace paragraph [0022] of the substitute specification, with the following paragraph:

- - Fig. 1 is a sectional view of the variable position catalyst according to an embodiment of the invention, wherein a catalyst body is in an active[[.]] catalyst position; - -

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Please replace paragraph [0037] of the substitute specification, with the following paragraph:

- - Additionally, the connector element 39 is equipped with a connecting portion [[.]]33 for connecting the variable position catalyst to the connector element 39. The connecting portion 33 provides an opening having the same diameter like the active catalyst portion 35, and a bulge 37 around the opening which is radially offset with respect to the opening. The offset amount of the bulge 37 corresponds to the wall thickness of the catalyst housing 7 such that the latter can be inserted into the inner of the bulge 37 while the inner surface of the catalyst housing 7 is in alignment with the inner rim of the opening. - -

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Please replace paragraph [0041] of the substitute specification, with the following paragraph:

- - During the operation of the variable position catalyst, the leading edge 13a of the mounting element 13 is always in contact with the inner surface of the catalyst chamber 14 such that the catalyst holding structure 5 holding the catalyst body 1 is stably guided in its movement. When the catalyst body 1 is in the active catalyst position, i.e. disposed in the active catalyst portion, a fast light-off of the relative small catalyst body 1 is achieved, thus providing a conversion of the exhaust content and limiting emissions as desired. Additionally, the turbine of the turbocharger and [[.]]the conventional catalyst mounted downstream the turbocharger will be heated up such that they will earlier reach their full performance state. - -

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Please replace paragraph [0044] of the substitute specification, with the following paragraph:

- - For example, the number of bosses for fixing the variable position catalyst to the connector element or a [.]hydraulic actuator may be varied according to various requirements. - -

Please insert the following new paragraph after paragraph [0042] of the substitute specification:

- - As mentioned, Fig. 1 shows an assembly with the catalyst body 1 in an active position and Fig. 2 shows the assembly with the catalyst body 1 in an inactive position. The assembly includes various features for assembly, and similarly, disassembly. For example, the plate 3 of the cradle 5 includes an opening shaped to accommodate the catalyst body 1. For example, when the transition portion 13c is not attached to the cradle 5, the opening may accommodate the catalyst body 1 (e.g., for insertion or removal). Note that the catalyst housing 7 fits to the connector element 39 and, upon disassembly, allows access to the transition portion 13c. Specifically, the transition portion 13c can move outwardly from the catalyst housing 7 and allow access to the nuts 29 that attach the cradle 5 to the transition portion 13c. - -